

# Converting Colors

Hex(366EB0)

Have a look what the booklet for  
Hex(366EB0) contains.

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# Color

**Hex(366EB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	366EB0
RGB	54, 110, 176
RGB Percent	21%, 43%, 69%
CMY	0.7882, 0.5686, 0.3098
CMYK	0.69, 0.37, 0.00, 0.31
HSL	212°, 53%, 45%
HSV	212°, 69%, 69%
XYZ	14.9337, 15.0707, 43.1961
YIQ	100.7800, -54.5620, 8.6540

# Conversions

## Conversions Part 2

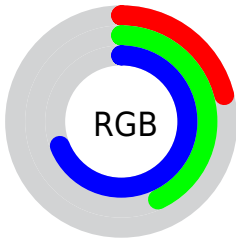
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 92, 176
Decimal	3567280
CIELab	45.73, 3.72, -40.52
CIELCh	46, 40.695, 275.247
Yxy	15.0707, 0.2040, 0.2059
Android (android.graphics.Color)	4281757360 (0xFF366EB0)
YUV	100.7800, 37.0835, -41.0261
Hunter-Lab	38.8210, 0.7288, -38.7972

# Details

The Hex color **366EB0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B07836**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **72A1E8**, and **003F7B** is the 20% darker color. If you saturate the color by 10%, you get **2464B0**, and if you desaturate by 10%, it is **4878B0**.

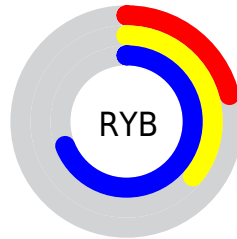
# Distribution



Red (21%)

Green (43%)

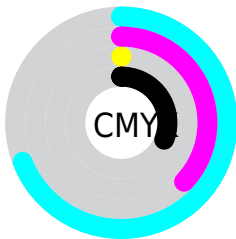
Blue (69%)



Red (21%)

Yellow (36%)

Blue (69%)

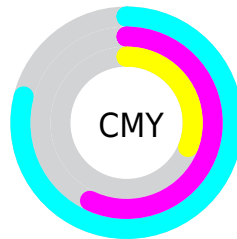


Cyan (69%)

Magenta (37%)

Yellow (0%)

Black (31%)



Cyan (79%)

Magenta (57%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 366EB0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 366EB0 by changing the saturation by 10% instead.



■ 366EB0

■ 366EB0

FFFFFF

■ 095695

■ 72A1E8

■ 003F7B

■ 8FBCFF

■ 002A62

■ ACD8FF

■ 001649

■ C9F4FF

■ 000432

■ E6FFFF

■ 00021C

■ 000000

■ 366EB0

■ 366EB0

■ 2464B0

■ 4878B0

■ 135BB0

■ 5981B0

■ 0151B0

■ 6B8BB0

■ 0051B0

■ 7C94B0

■ 8E9EB0

■ A0A7B0

■ B1B1B0

■ C3BAB0

■ D4C4B0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0077AA



366EB0



7661A4

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



366EB0



A85447



227B4E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



366EB0



B07836

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



567632



366EB0



96602E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



366EB0



AB4E68



7A6C25



007D71

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



366EB0



915894



7A6C25



387A44



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



366EB0



B5CBE6



36B077



566373



F2F2F2



737373



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



366EB0



277EE6



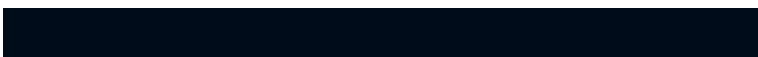
3A36B0



505459



004699



000C1A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B0366E



E6277E



ACB036



595054



990046



1A000C



# Previews

## White Background



This preview shows how the Hex color 366EB0 looks on a white background.

## Color Contrast Check

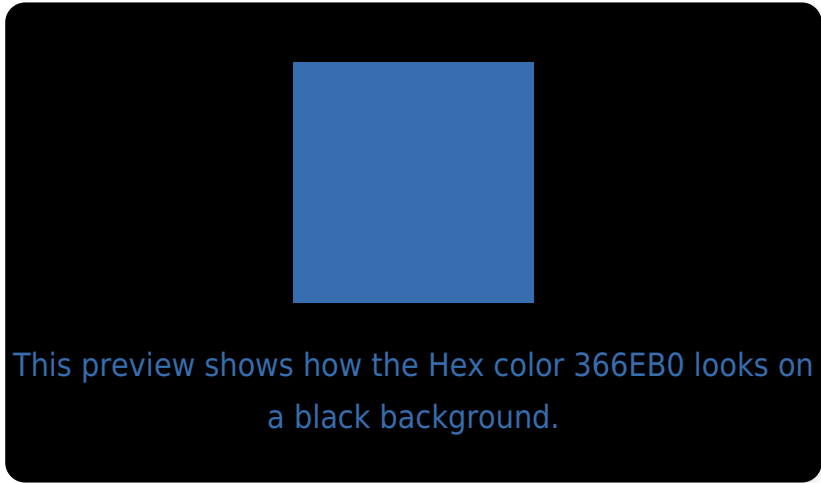
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 366EB0 Background



This preview shows how black text looks on a background with the Hex color 366EB0.

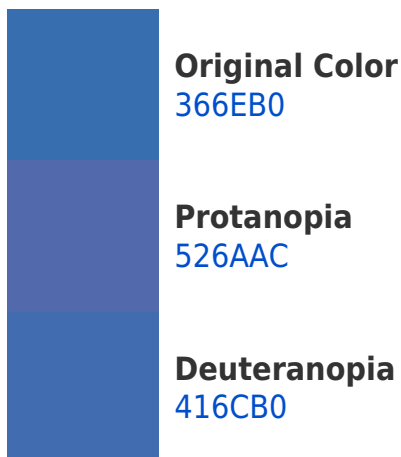


This preview shows how white text looks on a background with the Hex color 366EB0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

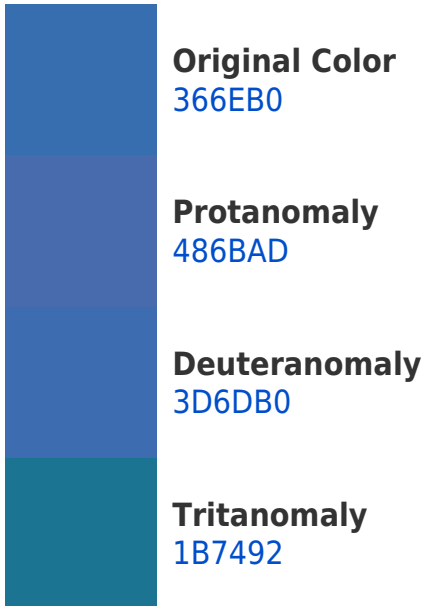
## Dichromacy



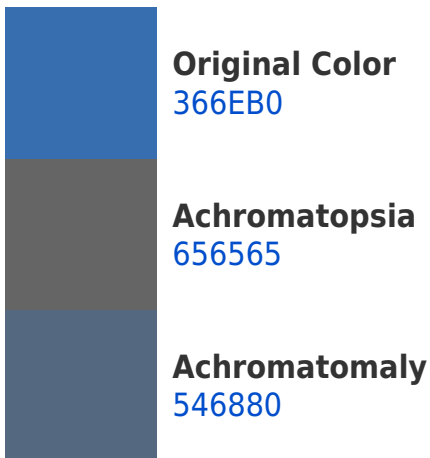


**Tritanopia**  
0C7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 366EB0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #366EB0 looks like.

```
.text, #text, p{  
    color:#366EB0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #366EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366EB0
}
```

## Border

The CSS property to change the border of an element to Hex 366EB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#366EB0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#366EB0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #366EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366EB0; -webkit-box-shadow:4px 4px  
4px 4px #366EB0; box-shadow:4px 4px 4px  
4px #366EB0 }
```

# Background

The CSS property to change the background color of an element to Hex 366EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366EB0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#366EB0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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